

THTPA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11648b**Specification**

THTPA Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9BU02](#)**THTPA Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 79178**Other Names**

Thiamine-triphosphatase, ThTPase, THTPA

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

THTPA Antibody (C-term) Blocking peptide - Protein Information**Name** THTPA**Function**

Hydrolase highly specific for thiamine triphosphate (ThTP).

Cellular Location

Cytoplasm.

Tissue Location

Widely expressed but at a low level.

THTPA Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

THTPA Antibody (C-term) Blocking peptide - Images**THTPA Antibody (C-term) Blocking peptide - Background**

Thiamine triphosphatase (THTPA) catalyzes the hydrolysis of thiamine triphosphate (THTP) to thiamine diphosphate (THDP), which is the major cellular form of thiamine (vitamin B1) (Lakaye et al., 2002 [PubMed 11827967]).

THTPA Antibody (C-term) Blocking peptide - References

Kim, J.M., et al. DNA Res. 13(6):275-286(2006) Lakaye, B., et al. Int. J. Biochem. Cell Biol. 36(7):1348-1364(2004) Heilig, R., et al. Nature 421(6923):601-607(2003) Lakaye, B., et al. J. Biol. Chem. 277(16):13771-13777(2002)